RURAL DISTRICT COUNCIL

OF

LANCHESTER.

THE

ANNUAL REPORTS

OF THE

Medical Officers of Health

FOR THE YEAR 1905.

Durham:
GEO. H. PROCTER, COUNTY PRINTER AND STATIONER, MARKET PLACE

1906.

Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

https://archive.org/details/b29719203

LANCHESTER,

1ST FEBRUARY, 1906.

MR. CHAIRMAN AND GENTLEMEN,

The Lanchester Division of the Rural District Council of Lanchester consists of several villages and places which were periodically and systematically inspected by me during the year 1905.

LANGLEY PARK—The sanitary work mentioned in my report for 1904 as being required in several streets of the colliery part of this village has been satisfactorily done by cementing the space between the houses and channels. New channels have been laid at North, South, East, West, and Durham Streets.

Private Property.—During the year a number of the yards in Front Street were cemented, but a few more require doing.

QUEBEC STREET.—Some of the yards East of the Post Office are in the same damp insanitary state as they were a year ago, particularly the yard in connection with Mr. Curry's grocer's shop, which I found in a bad state. The sink in the yard in connection with Coates' Houses, West of the Post Office, to which reference was made in my report last year, should be lowered at least a foot, and two sinks further West should be similarly dealt with. The yards in connection with Lowes' and Rencroft's Houses at the West end of the street are in a bad condition and should be cemented.

HILL TOP, NEAR ESH.—The houses at this village have been provided with drains, structural defects remedied, and a number of ash-closets have been built.

ESH HALL ROAD.—During the year ash-closets were built in connection with the houses occupied by Longstaff and Cant, and structural defects remedied.

The other parts of the village are satisfactory.

USHAW MOOR is clean.

ESH WINNING.—New ash-closets have replaced the old ash-pits at East and North Terraces and the place is now in a fairly satisfactory condition.

DURHAM ROAD, ESH WINNING.—A number of the yards belonging to the houses here have been relaid, but there are a few

in a very bad state. I would mention those in connection with the houses occupied by Hodgson, Plant, and Patterson.

NEWHOUSE COTTAGES are clean.

RAILWAY TERRACE, NEAR HAMSTEELS COLLIERY is clean.

HAMSTEELS COLLIERY is fairly satisfactory.

QUEBEC.—The owners of the colliery part of this village continue replacing the old dilapidated ash-pits by ash-closets. The channel in connection with the cow-byre belonging William Gray remains in the same filthy state as I reported last year. This should be remedied by a wider and deeper channel.

MARLEY'S HOUSES are fairly clean.

CORNSAY COLLIERY.—This village I found, as usual, well scavenged and upon the whole satisfactory. I found the yard belonging the British Schools in a dilapidated condition, with pools of water standing here and there. The out-offices in connection with the Catholic Schools are clean and sanitary.

EAST HEDLEY HOPE.—The channels in connection with the wooden rows are dilapidated and should be relaid. The pantry roofs require overhauling and the spouting from them should be arranged to carry the rain water into the channels. The roofs of some of the ash-pits are much in need of repair.

HEDLEY FELL COTTAGES.—The houses here are uninhabited with the exception of 15. The place cannot be pronounced insanitary, but very untidy. The channels should be attended to twice or thrice a week.

COWSLEY COTTAGES are clean.

CORNSAY ALMS HOUSES are much improved.

CORNSAY VILLAGE.—There is a short row of houses here belonging to Ushaw College Authorities which have been damaged by coal workings. The structural defects keep them cold, and in wet weather damp, and consequently unhealthy for the inhabitants. This state of matters should be remedied as soon as possible.

SATLEY is clean.

MALTON COLLIERY is fairly satisfactory.

Craghead.—New out-offices have been built in connection with William Street. This colliery village is in a fair sanitary condition.

The Middles is clean.

Holmside and Pear Tree Cottages are clean.

Burnhope.—This colliery village is fairly satisfactory.

Lanchester is fairly satisfactory. Some years ago, I suggested to the Rural District Council the desirability of covering the stream which runs down the West side of the village. This has been done as far as the Wesleyan Chapel, but the part of the stream from the Chapel to the Police Office remains uncovered. This should now be done as it has become a receptacle for broken delf and slop water, which perhaps cannot be characterised a nuisance, but certainly it is unsightly. The house accommodation in this district is fairly good and upon the whole they are in moderate order.

Langley Park is the only village where there is any great demand for houses, but there is every prospect of this being more than met during the next year or two.

Only one case of overcrowding came under observation during the year.

431 notices were served for the removal of nuisances and 402 met the requirements and 29 are standing over.

The district generally is provided with proper sewers and house drains are connected with them and trapped. They are examined from time to time and flushed during dry weather. The sewage disposal in use is bacteria beds, irrigation and Stoddart's system. The new disposal works at Langley Park, consisting of settling tanks with septic tanks and streaming filters, are giving satisfaction. The system of excrement disposal are privy and ash-closets. In the township of Esh, the method adopted for the removal of house refuse is by scavenger, and at other villages and places by colliery owners and a small number of private occupiers. It is chiefly put on land. Ash-pits are emptied once in 28 days and ash-closets every 7 days. The whole of the district is supplied with water (upland water) in sufficient quantity and good quality by the Consett and Weardale Water Company. The Rural District Council has supervision over slaughter houses dairies, cow-sheds, and milk-shops, factories, workshops, and offensive trades. There are 42 registered cow-keepers in the

district and the byres have been systematically inspected during the year. Generally speaking, they are kept in a clean condition and the water supply, light, ventilation, and cubic space are satisfactory. There are 15 registered slaughter-houses which are inspected periodically. They are lime-washed four times a year, the refuse is removed from the premises, and each having a plentiful supply of water, the houses are kept clean and wholesome. There is only one common lodging-house in the district, but I have heard of no complaint arising from it.

The notification of infectious diseases is compulsory in this district, and all cases, so far as possible, are removed to Langley Park Isolation Hospital, and cases of Small-pox are removed to Maiden Law Small-pox Hospital. There are excellent disinfecting chambers in connection with the hospitals, and bed and bedding are brought with the patients and properly disinfected.

Typhoid Fever.—The first case of this disease notified was on the 1st February, that of a girl 11 years of age, residing at Lanchester. A second case was notified on the 31st March, also a girl, 11 years of age, residing at Burnhope. On the 5th of August a case was notified, that of a married woman whose home is in another district. She had been ailing for a couple of weeks, and came to visit some relatives in this neighbourhood, thinking a change of locality would benefit her. Within a week she developed the disease. On the 18th of the same month a case was notified from Hamsteels Colliery, that of a girl 6 years of age. In the second week of September, a case was notified from Langley Park, and one from Craghead. About the latter part of November, two cases were notified from Lanchester, that of a father and his daughter, a girl 6 years of age, and in the first week of December a case was notified at Wilks Hill, near Quebec.

I visited the houses in which the patients reside and found the drains, sinks, and the surroundings sanitary and satisfactory, which makes it most difficult to decide as to the cause of the disease in the several cases. 7 cases were admitted into Langley Park Isolation Hospital. 9 cases were notified and 1 death returned. This is 2 less than in the former year, but 4 more than in 1903.

Simple Continued Fever.—9 cases of this disease were notified and 1 death returned. The fatal case was that of a girl 15 years of age, residing at Cornsay Colliery. I visited her home and found her feeble, but I thought that removing her to Langley Park Hospital would be beneficial. This was done, but she died 3 days after. 5 cases were admitted into the Hospital.

Scarlet Fever.—This disease was in the district all through the year. It at no time assumed an epidemic character. The greatest number of cases was in October, August, and January. 53 cases were admitted into Langley Park Hospital, of whom 3 died. 56 cases were notified and 3 deaths returned. This is 47 fewer than in 1904.

Diphtheria.—8 cases were notified and 6 deaths returned. This is 1 less than the previous year.

Croup.—1 case was notified, but no death returned.

Erysipelas.—21 cases were notified, but no death returned.

Measles.—A good many cases of this disease were in the district during the first quarter of the year and threatened to become epidemic in Lanchester and Craghead. It gradually abated, but became epidemic at Burnhope in the month of October, and continued until near the end of December. 557 cases were reported and 3 deaths returned. This is 189 more than the former year.

Whooping Cough.—This disease showed itself in a few cases in different parts of the district during the year. It became epidemic at Burnhope in June, August, and September. 416 cases were reported and 17 deaths were returned.

Diarrhœa.—This disease was scattered throughout the district during the year and it became epidemic at Craghead in the months of July, August, and September. 630 cases were reported and 15 deaths returned. This is 134 less than in 1904.

Influenza.—Cases of this disease were general in this district in the months of January, February, and March. There were but few cases in the other months of the year. 1031 cases were reported, but no deaths returned. This is 48 less than the former year.

One death was returned from Pneumonia, which occurred at Durham County Asylum on the 30th December, 1904, but I do not include it in the deaths for 1905.

Table 1, column 7, shows that the number of deaths for the year are 356, but 39 occurred in the Workhouse, and being deducted from 356 gives the number of deaths in the district as 317, which is 6 less than the year 1904. 9 deaths belonging this district took place, 7 at the Durham County Hospital and 2 at

the Durham County Asylum and when added makes 326 deaths, giving a death-rate of 17 per thousand. This is shown in Table 1, columns 12 and 13.

The diseases of the respiratory organs, including Phthisis, caused 78 deaths, being 5 more than in the past year, and giving a death-rate of 4 per thousand. The deaths from Bronchitis and Pneumonia are 10 more, and the deaths from Phthisis 5 less than in 1904. The deaths under 1 year are 121, as shown in Table V, being 6 less than the former year, and giving a death rate of 6·1 per thousand. The births were 692 being 50 less than the previous year, and giving a birth-rate of 36·2 per thousand.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

JNO. WILSON.

To the Members of Lanchester
Rural District Council.

TABLE I.

VITAL STATISTICS of whole District during 1905 and previous years. LANCHESTER DISTRICT.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District	Deaths of Non-Residents registered in Public Institutions in the District	Deaths of Residents registered in Public Institutions beyond the District	Nett Deaths at all Ages belonging to the District	
				Under 1 year of Age		At all Ages						
		Number.	Rate.	Number	Rate	Number	Rate				Number	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13
1900	15,717	639	36·90	97	5	310	19	48	38	4	272	17
1901	19,114	740	38·7	137	7·1	350	18	59	45	7	312	16
1902	19,114	694	36 3	108	5·6	323	16·8	45	42	10	291	15·2
1903	19,114	752	39·3	115	6	361	18·1	16	40	6	327	17
1904	19,114	742	38·8	127	6·5	363	19	6	40	6	329	17·2
1905	19,114	692	36·2	121	6·1	356	18·6	...	39	9	326	17

Area of District in acres (exclusive of area covered by water) 29,958. Total Population at all ages, 19,114, at Census of 1901.

I. Institutions within the District receiving sick and infirm persons from outside the District	II. Institutions outside the District receiving sick and infirm persons from the District	III. Other Institutions, the deaths in which have been distributed among the several localities in the District
Workhouse.	Durham County Hospital. Durham County Asylum.	

TABLE III.

LANCHESTER DISTRICT.

Cases of Infectious Diseases notified during the year 1905.

Notifiable Disease.	Cases Notified in Whole District.							No. of Cases removed to Hospital from each locality.
	At all Ages.	At Ages—Years.						
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwds	
Diphtheria	8	...	3	5	...	..	..	...
Membranous Croup ..	1	1	...	...	...	...	..	...
Erysipelas	21	...	...	1	4	14	2	...
Scarlet Fever	56	6	20	29	1	...	...	53
Enteric Fever	9	...	...	4	...	5	...	7
Continued Fever ..	9	...	..	4	3	2	...	5
Totals	104	7	23	43	8	21	2	65

ISOLATION HOSPITAL SITUATED AT LANGLEY PARK.

WORKHOUSE SITUATED AT LANCHESTER.

SMALLPOX HOSPITAL SITUATED AT MAIDEN LAW.

TABLE IV.

LANCHESTER DISTRICT.

Causes of, and Ages at, Death during Year 1905.

Causes of Death.	Deaths in or belonging to whole District at Subjoined Ages.							Deaths in Public Institutions.
	All Ages	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	
Measles	3	1	2	..	..	..	..	..
Scarlet Fever	3	..	2	1	..	..	..	..
Whooping Cough.. ..	17	7	10	..	..	..	..	..
Diphtheria and Membranous Croup	6	..	3	3	..	..	..	..
Enteric Fever	1	..	..	..	..	..	1	..
Other Continued Fever ..	1	..	..	..	1	..	..	..
Cholera (Infantile) ..	1	1	..	..	..	..	..	..
Diarrhœa	15	9	5	..	..	..	1	..
Enteritis	27	20	5	..	..	1	1	..
Other Septic Diseases ..	1	..	..	..	..	1	..	..
Phthisis	14	1	..	2	1	8	2	3
Other Tubercular Diseases ..	4	2	2	..	..	..	..	..
Cancer (malignant disease)..	10	..	..	..	..	7	3	3
Bronchitis	29	19	5	..	..	..	5	14
Pneumonia	35	7	6	1	1	6	14	1
Premature Birth	21	21	..	..	..	..	..	..
Diseases and Accidents of Parturition	2	..	..	..	1	1	..	..
Heart Diseases	13	..	..	4	1	3	5	4
Accidents	4	..	1	1	1	1	..	..
Rheumatic Fever.. ..	3	..	..	..	..	3	..	..
All other causes	98	33	9	5	8	23	20	23
All causes	308	121	50	18	13	54	52	48

TABLE V.
LANCHESTER DISTRICT.

Infantile Mortality during the year 1905.

Deaths from stated Causes in Weeks and Months under 1 Year of Age

CAUSE OF DEATH.	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year
Common Infectious Diseases																	
Measles	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Whooping Cough ..	..	..	..	..	2	..	..	1	1	1	..	..	..	..	1	1	7
Diarrhœal Diseases																	
Diarrhœa, all forms ..	1	..	..	..	..	..	..	1	..	..	1	1	..	3	2	..	9
Gastritis, Gastro-intestinal Catarrh.. ..	..	..	1	..	2	..	2	2	4	1	..	1	..	2	3	2	20
Wasting Diseases																	
Premature Birth ..	21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21
Congenital Defects ..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	4
Atrophy, Debility, Marasmus ..	1	..	4	..	1	..	2	..	2	..	..	..	..	..	..	..	10
Tuberculous Diseases																	
Tuberculous Meningitis ..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
Tuberculous Peritonitis: Tabes Mesenterica ..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Other Tuberculous Diseases ..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Rickets	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
Meningitis (*not Tuberculous*)	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	3
Convulsions	..	1	..	..	1	..	..	..	1	..	..	..	..	1	..	..	4
Bronchitis	1	..	..	..	1	1	2	2	2	..	..	3	4	1	2	..	19
Pneumonia	..	..	..	..	1	..	1	..	..	..	..	1	1	2	1	..	7
Other Causes		..	..	..	5	..	..	.	..	..	..	..	..	..	1	..	12
	33	2	5	5	10	1	7	7	10	2	2	8	5	10	11	3	121

Deaths from all Causes at all Ages 121. Population estimated to middle of 1905—19114

Report of the Medical Officer of Health, for the Year 1905, for the Rural District of Lanchester, on the administration of the Factory and Workshop Act, 1901, *in connection with Factories, Workshops, Laundries, Workplaces, and Homework.*

INSPECTION.—Including Inspections made by Sanitary Inspector or Inspector of Nuisances.

Premises.	Number of			Defects found.
	Inspection.	Written Notices.	Prosecutions.	
FACTORIES (Including Factory Laundries)...				
WORKSHOPS (including Workshop Laundries)	12	Nil.	Nil.	Nil.
WORKPLACES				
HOMEWORKERS' PREMISES				

Workshops on the Register at the end of the year—3.

Ebchester Hill,

January, 1906.

To the Rural District Council of Lanchester.

Mr. Chairman and Gentlemen,

I have pleasure in presenting you with my Annual Report of Health for the Western District of the above Council, for the year ending December 31st, 1905.

The Births registered were 255, as against 241 for the year 1904, giving a birth-rate of 33·6, as against 30·0 per thousand of previous year. Boys 136, Girls 119—Total 255.

The deaths registered were 124 as against 106 for the previous year, giving a death-rate of 12·4, as against 11·9 of previous year.

There were no deaths from Small-pox, Measles, Whooping Cough, Croup, Typhus, Enteric or Continued Fevers, Cholera, Plague, Puerperal Fever, other septic diseases, Pleurisy, other diseases of respiratory organs, Alcoholism, Cirrhosis of Liver, Venereal Diseases, Diseases and Accidents of Parturition, or Suicides.

The first case of Small-pox in my district came from Hischope to Consett, and was removed to the Small-pox Hospital, Maiden Law. The hut was thoroughly disinfected and the bedding burned during the month of January. The next case of Small-pox was a man who came to my house from Shotley Bridge, whom I detained and sent for the van and had him removed to the Small-pox Hospital at Maiden Law. He had slept with a man two weeks previous who had one spot on his face. This was the last case notified, which was in June. The lodging-house was thoroughly disinfected also the bedding.

Diphtheria.—There were 34 cases and 3 deaths notified in the Medomsley and Ebchester District. There were 4 cases in one family and 2 deaths at Broomhill Cottages. As complaint had been made of the sewer, the Inspector's attention was called to it and it was remedied.

At Hamsterley Colliery and Milkwell Burn, where most of the other cases occurred, the out-buildings were found not to be in a very sanitary condition. As the children used to come ill from school, the Inspector had the buildings overhauled and remedied.

Epidemic Influenza caused 2 deaths in old and feeble people, 65 years and upwards.

Diarrhœa caused one death in a delicate infant under 1 year.

Enteritis caused 8 deaths in children under 5 years in the Medomsley district.

Erysipelas.—There were 9 cases of Erysipelas notified and no deaths.

Scarlet Fever.—There were 33 cases of Scarlet Fever notified and 1 death in the Medomsley district. Many of the cases were removed to the Hospital. Disinfectants were freely used and the houses fumigated.

Enteric Fever —There were 6 cases of Enteric Fever notified in delicate children under 1 year.

Phthisis.—Phthisis caused 11 deaths from 5 up to 65 years, 9 of which were in the Medomsley district. Other tubercular diseases, 5 of which were in the Medomsley district.

Cancer.—One death occurred in the Medomsley district from Cancer.

Bronchitis.—There were 2 deaths in the Medomsley district from Bronchitis and one death at Muggleswick.

Pneumonia.—There were 19 deaths from Pneumonia. 14 occurred in the Medomsley district. 11 deaths were under 1 year, 4 deaths were 1 and under 5 years. 3 were in Ebchester, 2 were in Healeyfield.

Premature Birth.—There were 5 cases all under 1 year. 2 in Medomsley, 1 in Ebchester, and 2 in Healeyfield.

Heart Disease caused 10 deaths, 6 in Medomsley, 1 in Ebchester, 1 in Healeyfield, 1 in Muggleswick and Knitsley.

Accidents.—There was 1 in Medomsley and 1 at Muggleswick.

All other causes caused 51 deaths, 28 were in Medomsley, 4 in Ebchester, 5 in Healeyfield, 5 in Muggleswick, and 9 in Knitsley.

During the past year, I have at stated times inspected the villages in the Western Division of the Lanchester Rural District.

Ebchester Village has been found clean and well supplied with water. The scavenging is principa ly done by the farmers and taken direct to the land.

Low Westwood.—The ashpits are cleaned by the Consett Iron Co.'s workmen and carted on to the land. The drains are well looked after.

Hamsterley Colliery.—At Dean Row new ash-closets are being erected all up the row. As they are in front and near the houses they should be cleaned out weekly and disinfectants used. The colliery's workmen remove the contents to the land.

Cement Houses.—The ash-closets are a great improvement and are well attended to, also the sewers.

Derwentcote Farm has long been without water but has now a good supply.

Derwentcote Forge.--The water supply is constant and good from a spring in the plantation.

Milkwell Burn Village.—The main road has been greatly improved, but when you leave it to approach the village, the road is very much cut up with carts, and is dangerous and ought to be attended to at once, as there is so much traffic on it. The village has been well attended to, the ashpits kept clean. The scavenging is being done by the Consett Iron Co.'s workmen. The water supply is now sufficient.

Old Westwood is clean and the water supply is good.

High Westwood.—The ash-pits are well attended to by the Consett Iron Co.'s workmen. The drains are all in good order. There is a good water supply.

Allendale Cottages.—The ash-pits are kept in good order by the Consett Iron Co.'s workmen and the ashes are put on to the land. The water supply is good.

Grange Cottages.—Ash-pits and privies are all well kept.

Burdon's Cottages are clean. The ash-closets lately erected are a great improvement.

Medomsley Village.—All ash-pits are in good order and the scavenging is well attended to. The water supply is good from the Consett Water Company.

Medomsley Fines.—Drains and ashpits are in good order.

Pit House Cottages are all clean and in good order.

Fell Cottages, Medomsley.—Drains and ash-closets are all kept clean. Water supply good.

Bradley Cottages.—The ash-pits are well looked after, also the drains, by the Consett Iron Co.'s workmen and the contents are carted on to the adjoining farms.

Derwent Cottages are regularly attended to, the privies and ash-pits contents are also carted on to the land. There is a good supply of water from the Consett Water Company.

Knitsley Cottages.—The yards and ash-pits are all in good order, and there is a good supply of water from a pump in the yard.

The Delves Cottages are kept clean and the water supply is good.

Delves Terrace.—Ash-pits and drains are all well attended to.

Temple Town.—There are several ash-pits which ought to be replaced by ash-closets, if the width of the back streets will allow, as the contents soon get offensive by not being mixed with ashes daily. Drains are all in good order. The water supply is good from the Consett Water Company. The ashes are removed to the farm land.

Stannifordam.—The drains are in good order, the yard clean. The large ash-pit is in good order.

Oliver Terrace, near Stanniford.—Yards and ash-pits are all in good order and well supplied with water.

Maud Ville.—All ash-pits and drains are in good order.

Castleside Village is clean and the scavenging is well attended to and is well supplied with water. The water-closets are clean and in good order.

Waskerley Park Village.—The ashpits and privies are all better kept and the yards are clean.

Cold Rowley Village.—A few scattered houses by the road side are kept clean.

In the Sanitary Inspector's Department at Derwentside or Milkwell Burn Cottages.—The whole of the yards or spaces between pantries at rear of dwelling-houses has been cemented, also cement footpath provided at front of houses. The water supply has been considerably improved by the Consett Iron Co., who have constructed new collecting and storage tanks of bricks rendered with cement and made thoroughly water-tight. The tanks have been covered with sheets of corrugated iron and provided with sufficient means of ventilation.

Hamsterley Colliery.—A number of insanitary privy middens have been taken down and proper ash-closets substituted.

Derwentcote.—A good supply of wholesome water has been provided at last.

Ebchester Lane Head.—The spring which had become blocked was re-established and a good supply of water obtained.

Medomsley North View.—A sewer has been put in and the whole of the drainage which originally flowed into the side of the highway diverted.

Medomsley National Schools.—Latrines have been substituted for privy middens.

Temple Town.—Some insanitary privy middens have been taken down and proper ash-closets substituted.

Habitation Certificates have been granted for 18 new dwelling-houses and 50 other buildings have been erected. The scavenging of the district is generally well attended to. The drainage of the various places is in good order and the sewers frequently flushed out.

A dilapidated house at Castleside has been closed, a sewer connected at Broomhill and a number of insanitary privy middens have been taken down and proper ash-closets substituted at Hamsterley Colliery and at the schools, the water supply at Derwentcote, the main road improved to Milkwell Burn Cottages. These have all been carried out at my recommendation.

The house accommodation has been ample.

There are no licensed lodging houses in the district.

The meat supply has been good and none unfit for human consumption has come under notice.

The milk supply has been satisfactory.

The dairies in the district are all well kept.

The water supply has been good and sufficient and is chiefly from the Consett Water Co.'s reservoirs near Waskerley Park and is upland water.

The byres in the district have all been kept in a satisfactory state.

Food and Drugs Act.—No complaint has been made or action required.

Factory Act.—The chief factory, which is a stocking manufactory in the Medomsley District, was found to be regularly cleaned, was well lighted and ventilated, with sufficient means of escape in case of fire. The latrines, substituted for pail closets, are giving satisfaction.

Tables I, II, III, IV, and V are enclosed.

Requirements in the district.—A macadamised road from the present one, to the Derwentside side Cottages.

More ash-closets and a general sweep away of the old privy middens, if the infantile mortality has to be reduced.

The scavenging to be carried out more frequently, nightly or weekly, in the more populous villages and disinfectants used at the same time.

The scavenging is conveyed to the farm land and gardens

I am,

Mr. Chairman and Gentlemen,

Your obedient servant,

W. T. BOLTON.

TABLE I.

Vital Statistics of Whole District during 1905 and previous Years. LANCHESTER (WESTERN).

Year	Population estimated to Middle of each Year	Births		Total Deaths registered in the District.				Total Deaths in Public Institutions in the District	Deaths of Non-Residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District	Nett Deaths at all Ages belonging to the District	
				Under 1 year of age		At all Ages						
		Number	Rate*	Number	Rate per 1000 Births registered	Number	Rate*				Number	Rate*
1	2	3	4	5	6	7	8	9	10	11	12	13
1895	7586	255	33·6	47	184	152	20·0	9	1	1	152	20 0
1896	7677	249	32·4	27	108	141	18·3	1	0	6	147	19·1
1897	7768	253	32 5	46	181	127	16·3	0	0	0	127	16 3
1898	7859	280	35 6	45	160	128	16·2	0	1	1	128	16·2
1899	7950	266	33·4	42	157	135	16·9	1	0	0	135	16·9
1900	8041	264	32·8	37	140	113	14·0	1	0	0	113	14·0
1901	8132	252	31·1	41	162	110	13·5	7	6	3	107	13·1
1902	8223	229	27·8	38	165	136	16·5	6	5	1	132	16·0
1903	8314	250	30·0	36	144	130	15·6	7	5	6	131	15·7
1904	8449	241	28·5	31	128	106	11·9	4	4	3	105	12·4
Averages for years 1895-1904	7999	253	31·3	39	152	127	15·9	3	2	2	127	15·7
1905	8577	255	33·6	50	200	214	12·4	3	0	0	124	14·4

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in ages (exclusive of area covered by water) 21,199.

Total population at all ages, 8,138 } At Census of 1901.
Number of inhabited houses, 1,582 } At Census of 1901.
Average number of persons per house, 5·1 } At Census of 1901.

I. Institutions within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the Districi receiving sick and infirm persons from the Distlict.	III. Other Institutions, the deaths in which have been distributed among the several localities in the District.
Leadgate Fever Hospital.	Union Workhouse, Lanchester. County Asylum, Sedgefield.	Maiden Law Hospital.

TABLE II.

Vital Statistics of separate Localities in 1905 and previous years. LANCHESTER (WESTERN).

Names of Localities.	1. Whole District.				2. Medomsley.				3. Ebchester.				4. Healeyfield.				5. Muggleswick.				6. Knitsley.			
Year.	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births registered.	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year.	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year.	Births registered	Deaths at all ages	Deaths under 1 year
	a	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*
1895	7586	255	152	47	5178	210	117	38	390	15	9	1	871				422				725			
1896	7677	249	141	27	5231	206	112	24	392	6	8	1	875				437				742			
1897	7768	253	127	46	5284	188	95	34	394	20	4	2	879				452				759			
1898	7859	280	128	45	5337	233	108	42	396	15	6	0	883				467				776			
1899	7950	266	135	42	5390	223	112	36	398	9	4	2	887				482				793			
1900	8041	264	113	37	5443	208	89	34	400	10	7	1	891				497				810			
1901	8132	252	110	41	5496	178	72	32	402	9	9	1	895	22	11	3	512	8	11	3	827	42	10	3
1902	8223	229	136	38	5549	162	92	33	404	3	5	0	899	26	15	2	527	15	10	1	844	23	14	2
1903	8314	250	130	36	5602	173	92	28	406	15	5	1	903	32	11	2	542	15	10	1	861	15	12	4
1904	8449	241	106	31	5697	177	82	25	408	7	5	1	915	22	10	2	551	14	5	2	878	21	4	1
Averages of years 1895-1904	7999	253	127	39	2820	195	97	32	399	10	6	1	889	10	4	0·9	488	5	3	0·7	806	10	4	1
1905	7577	255	124	50	5788	190	82	34	404	6	10	2	931	32	13	4	555	7	8	0	892	20	11	5

TABLE III.

Cases of Infectious Diseases notified during the Year 1905. LANCHESTER (WESTERN).

Notifiable Disease.	Cases notified in Whole District.							Total Cases Notified in Whole Locality.					No. of Cases removed to Hospital from each Locality.				
	At all Ages.	All Ages--Years.						1 Medomsley.	2 Ebchester.	3 Healey Field.	4 Muggleswick.	5 Knitsley.	1 Medomsley.	2 Ebchester.	3 Healey Field.	4 Muggleswick	5 Knitsley.
		Under 1	1 to 5	5 to15	15 to 25	25 to 65	65 and upw'ds										
Small-pox	2					2			1		1			1		1	
Diphtheria	34		2	25	5	2		27	7								
Membranous Croup ..	1			1				1									
Erysipelas	9	1				8		6		2		1					
Scarlet Fever	33	1	4	23	1	4		26		1		6	16				1
Enteric Fever	6			3	1	2		5		1							
Puerperal Fever ...	1					1		1									
Totals	86	2	6	52	7	19		66	8	4	1	7	16	1		1	1

Isolation Hospitals—Leadgate and Maiden Law. Workhouse situated at Lanchester.

TABLE IV.

Causes of, and Ages at, Death during Year 1905. LANCHESTER (WESTERN).

Causes of Death.	Deaths in or belonging to Whole District at subjoined Ages.							Deaths in or belonging to Localities (at all Ages).					Total Deaths in Public Institutions in the District.
	All ages.	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Medomsley.	Ebchester	Healey Field.	Muggleswick	Knitsley.	
Scarlet Fever	1	...	...	...	...	1	...	1	...	...	...	...	1
Diphtheria and Membranous Croup	3	...	...	3	...	...	...	2	1	...	...	...	...
Epidemic Influenza ...	2	...	...	...	...	1	1	2	...	...	...	...	...
Diarrhœa	1	1	...	...	...	...	...	1	...	...	...	...	...
Enteritis	8	6	2	...	...	...	...	8	...	...	...	...	...
Phthisis (Pulmonary Tuberculosis)	11	...	...	2	3	6	...	9	...	2	...	...	..
Other Tubercular Diseases ...	7	1	4	...	2	...	...	5	...	1	...	1	1
Cancer, Malignant Disease ...	1	..	...	...	...	1	...	1	...	...	...	...	...
Bronchitis	3	1	...	...	...	1	1	2	...	...	1	...	1
Pneumonia	19	11	4	1	1	1	1	14	3	2	...	...	...
Premature Birth... ...	5	5	...	..	...	..	...	2	1	2	...	..	...
Heart Diseases	10	1	...	..	...	5	4	6	1	1	1	1	...
Accidents	2	...	..	...	...	2	...	1	...	...	1	...	...
All other causes	51	21	3	1	1	17	8	28	4	5	5	9	...
All causes	124	47	13	7	7	35	15	82	10	13	8	11	3

TABLE V.

LANCHESTER DISTRICT (WESTERN).

Infantile Mortality during Year 1905.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month.	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year
All Causes Certified ..	8	2	2	2	14	2	6	4	4	2	3	3	3	2	..	6	49
All Causes Uncertified ..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Common Infectious Diseases																	
Whooping Cough ..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
Diarrhœal Diseases																	
Diarrhœa, all forms ..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Enteritis (*not Tuberculous*)	..	..	..	..	..	..	2	1	1	1	..	..	..	1	..	2	..
Gastritis, Gastro-intestinal Catarrh	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Wasting Diseases																	
Premature Birth ..	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Congenital Defects ..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Atrophy, Debility, Marasmus	1	1	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..
Tuberculous Diseases																	
Tuberculous Peritonitis, Tabes Mesenterica ..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..
Meningitis, *not Tuberculous*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Convulsions	..	..	1	1	..	1	1	2	1	..	..	..	..	..	..	..	..
Bronchitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Laryngitis	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
Pneumonia	..	..	..	..	..	1	1	..	1	1	..	1	3	1	..	2	..
Other Causes	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
	9	2	2	2	15	2	6	4	4	2	3	3	3	2	0	6	50

Deaths from all Causes at all Ages 50. Population estimated to middle of 1905—8,577

Report of the Medical Officer of Health for the year 1905, *for the Western District of the Lanchester Union on the administration of the Factory and Workshop Act,* 1901, *in connection with Factories, Workshops, Laundries, Workplaces, and Homework.*

INSPECTION.—Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of			Defects found.
	Inspections.	Written Notices	Prosecutions.	
FACTORIES (including Factory Laundries) ...				
WORKSHOPS (including Workshop Laundries)	2	Nil.	Nil.	Nil.
WORKPLACES				
HOMEWORKERS' PREMISES				